Amendments to the Specification

Before the first line of the specification, please insert:

This U.S. Patent application is a divisional of U.S. Patent application number 09/607,792, filed June 30, 2000.

Please replace the paragraph on page 3, lines 14-17 with the following amended

paragraph:

Figures 4a-4c illustrate a one way function suitable for use by the cipher unit of **Fig. 1** to practice the symmetric ciphering/deciphering process employed in one embodiment of the processes illustrated in **Fig. 3** ~~Fig. 3a-3b~~ in further detail, in accordance with one embodiment.

Please replace the paragraph on page 5, line 23 to page 6, line 3 with the following

amended paragraph:

Before proceeding to describe the present invention in further detail, it should be noted that video sink device **104** may also be a video signal repeater device repeating signals for a "remotely" disposed video sink device. Based on the description to follow, it <u>will</u> be appreciated that the present invention may nevertheless be practiced regardless whether the authentication partner is a video sink device or merely a video repeater device. Accordingly, at times, in the description to follow, video sink device **104** may simply be referred to as a video receiving device.

Please replace the paragraph on page 8, lines 8-13 with the following amended

paragraph:

Figure 3 illustrates the operational states and transition rules of the state machine incorporated with the authentication unit of **Fig. 1** to use the cipher unit to generate the required pseudo random <u>number</u>, in accordance with one embodiment. As illustrated, the state machine has five operating states, E0 a continuous clocking state, E1 a first cipher bit taking state, E2 an output state, E3 a second cipher bit taking state E4, and E5 an active state (also referred to as the authenticated state).